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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/003,011 | 11/01/2001 | Roy K. Greenberg | PA-5270-RFB | 3255 |
| 7590 12/08/2004 | | | EXAMINER | |
| Brinks Hofer Gilson & Lione P.O. Box 10395 Chicago, IL 60610 | | | PHILOGENE, PEDRO | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3732 | |

DATE MAILED: 12/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|-------------------------------|----------------------------------|--|
| Office Action Summary | Application No. 10/003,011 | Applicant(s) GREENBERG ET AL. | |
| | Examiner Pedro. Philogene | Art Unit 3732 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Withdrawal of Finality of Last Office Action

Applicant's request for reconsideration of the finality of the rejection of the last Office Action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1,2,4-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Bates (6,096,053).

With respect to claim 1, Bates discloses a medical grasping device comprising: an elongate control member (12) having an atraumatic distal tip section (22) and a proximal end portion; as best seen in Fig.8A, the elongate control member further including a grasping portion (16) proximal the distal tip section; an outer sheath (32) with a passageway therethrough, as best seen in FIG.8A, surrounding the elongate control member and relatively movable with respect thereto; and a control assembly (34,18,20) disposed at a proximal end of the outer sheath and the proximal end portion of the elongate control member; as best seen in FIG.8A, and in operative relation thereto for urging the grasping portion from a distal end of the outer sheath and retraction thereinto; as best seen in FIGS. 8A-8C.

With respect to claims 2, 4-6, Bates discloses all the limitations, as set forth in column 6, lines 19-65, and as best seen in FIGS. 8A-8C.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bates (6,096,053) in view of Gunther et al. (5,330,484).

With respect to claim 3, it noted that Bates did not teach of a hemostatic seal between the sheath and the elongate control member; as claimed by applicant. However, in a similar art, Gunther et al evidence the use of a hemostatic seal to hold the legs of the of a grid body.

Therefore, given the teaching of Gunther et al., it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Bates, as taught by Gunther et al to provide a hemostatic seal between the sheath and the elongate control member to hold the legs of the grasping portion.

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bates (6,096,053) in view of Avellanet (6,264,664).

With respect to claim 7, it is noted that Bates teaches all the limitations, except for a connecting block affixed to the control member disposed in a longitudinal slot; as claimed by applicant. However, in a similar art, Avellanet evidences the use of a connecting block disposed in a slot to move the grasping device in and out of the sheath.

Therefore, given the teaching of Avellanet, it would have been obvious to one having ordinary skill in the art at the time the invention was made to replace the connecting block and the slot in the device of Avellanet with the control assembly of the device of Bates to facilitate the in and out of the grasping device within the sheath.

Claims 8-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bates (6,096,053) in view of Hillstead (5,098,440).

With respect to claims 8-21, it is noted that Bates teaches all the limitations, except for wire loops that are substantially circular upon full deployment, as claimed by applicant. However, in a similar art, Hillstead evidences the use of wire loops that are circular upon full deployment and having side sections that overlap and touch the vessel wall to engage the object to be retrieved with a greater force.

Therefore, given the teaching of Hillstead, it would have been obvious to one having ordinary skill in the art, at the time the invention was made to incorporate the design of the grasping device of Hillstead in the grasping device of Bates to engage the object to be retrieved with a greater force.

With respect to claim 22, the above combination of references teaches all the limitations, as set forth above.

Response to Amendment

Applicant's arguments with respect to claims 1-22 have been considered but are not persuasive. Applicant's argument is that the distal tip of Bates neither attaches nor engages with the catheter. However, nowhere is applicant claiming a distal tip that is attached or engaged with the elongated control member. The control member of applicant includes a grasping portion proximal the distal tip section. The control member of Bates includes a grasping portion (the mesh) proximal the distal tip section. Therefore, the structure of Bates meets the structure claimed by applicant.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pedro Philogene whose telephone number is (571) 272-


Art Unit: 3732

4716. The examiner can normally be reached on Monday to Friday 6:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin P Shaver can be reached on (571) 272-4720. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pedro Philogene
December 03, 2004



PEDRO PHILOGENE
PRIMARY EXAMINER